

ABSTRACT

5 A system and method for transmitting speech activity in a distributed
voice recognition system. The distributed voice recognition system includes a
local VR engine in a subscriber unit and a server VR engine on a server. The
local VR engine comprises a feature extraction (FE) module that extracts
features from a speech signal, and a voice activity detection module (VAD) that
10 detects voice activity within a speech signal. Indications of voice activity are
transmitted ahead of features from the subscriber unit to the server.

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